

## IN THE CLAIMS

Please rewrite claims 1 and 19 as follows:

1. (Six Times Amended) A cardiac pacing system for use with unipolar or bipolar atrial and ventricular pacing and sensing leads, said cardiac pacing system including:
- (a) an atrial lead having atrial electrodes comprising an atrial tip electrode and an atrial ring electrode electrically coupled thereto;
  - (b) a ventricular lead having ventricular electrodes comprising a ventricular tip electrode and a ventricular ring electrode electrically coupled thereto;
  - (c) pacing means for providing a pacing stimulus to at least one of an atrium or [ventricle] ventricle of a heart, said pacing means electrically coupled to at least one of said atrial lead and said ventricular lead;
  - (d) sensing means for sensing a response evoked by the pacing stimulus, said sensing means electrically coupled to at least one of said atrial lead and said ventricular lead said sensing means including multiple independent blanking switches corresponding to independent electrodes;
  - (e) an indifferent electrode and an electrically conductive can that contains the pacing and sensing means, said indifferent electrode being positioned on the can;
  - (f) afterpotential attenuation means for attenuating afterpotentials which result due to the application of the pacing stimulus to the heart by said cardiac pacing system, said afterpotential attenuation means being electrically coupled to said pacing means and having a reduced coupling capacitance of less than 5 microfarads; and
  - (g) wherein the [evoked response is sensed between two of said electrodes] sensing

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means can sense evoked responses between all combinations of any two of said electrodes.

19. (Five Times Amended) A cardiac pacing system for use with unipolar or bipolar atrial and ventricular pacing and sensing leads, said cardiac pacing system including:

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- (a) an atrial lead having atrial electrodes comprising an atrial tip electrode and an atrial ring electrode electrically coupled thereto;
  - (b) a ventricular lead having ventricular electrodes comprising a ventricular tip electrode and a ventricular ring electrode electrically coupled thereto;
  - (c) a pacing circuit including a pacing charge storage capacitor that provides a pacing stimulus to at least one of an atrium or [ventricle] ventricle of a heart, said pacing circuit electrically coupled to at least one of said atrial lead and said ventricular lead;
  - (d) a sensing circuit that senses a response evoked by the pacing stimulus, said sensing circuit electrically coupled to at least one of said atrial lead and said ventricular lead, said sensing circuit including multiple independent blanking switches corresponding to independent electrodes;
  - (e) an indifferent electrode and an electrically conductive can that contains the pacing and sensing means, said indifferent electrode being positioned on the can;
  - (f) coupling capacitors electrically coupled together wherein a capacitance of the capacitors coupled together has a combined reduced capacitance of less than 5 microfarads wherein the combined reduced capacitance of less than 5 microfarads attenuates afterpotentials which result due to the application of the pacing stimulus to the heart by said cardiac pacing system, said capacitors being electrically coupled to

said pacing circuit; and

- (g) wherein the [evoked response is sensed between two of said electrodes] sensing circuit can sense evoked responses between all combinations of any two of said electrodes.